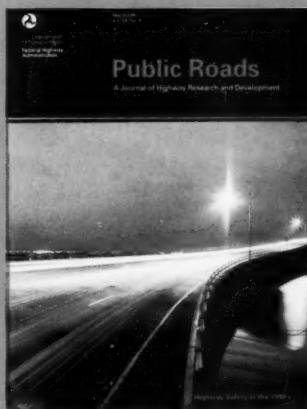
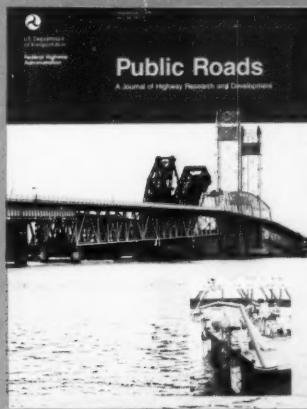
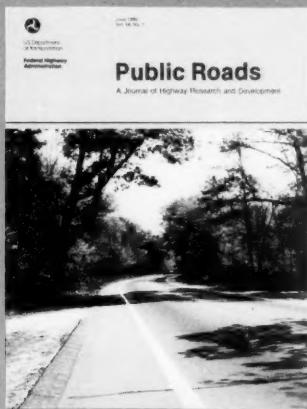


TITLE SHEET, VOLUME 54



PUBLIC ROADS

A JOURNAL
OF HIGHWAY
RESEARCH AND
DEVELOPMENT

VOLUME 54

U.S. Department of Transportation
Federal Highway Administration

June 1990—March 1991

The title sheet for volume 54, June 1990—March 1991, of *Public Roads* contains a chronological list of article titles and an alphabetical list of authors' names.

Contents of Volume 54

No. 1 June 1990

	Page
Edgeline Widths and Traffic Accidents by Harry S. Lum and Warren E. Hughes	153
Model Study of the Hatchie River U.S. 51 Bridge by J. Sterling Jones, P.E.	160
Field Evaluations of Breakaway Utility Poles by Janet A. Coleman	166
Effectiveness of Calcium Nitrite Admixture as a Corrosion Inhibitor by Yash P. Virmani	171

No. 2 September 1990

Design of Riprap to Protect Bridge Piers from Local Scour by Frank Graziano, J. Sterling Jones, and Arthur C. Parola	193
Development of Prestressing Strand by Susan N. Lane	200
Summary of Lifeline Earthquake Engineering by James D. Cooper	206
Laboratory and Field Trials of the Prototype Magnetic Perturbation Cable System by Charles McGogney	212

No. 3 December 1990

	Page
Intelligent Vehicle-Highway Systems: Moving America Into the 21st Century by Frank Mammano and John Baxter	225
The Highway Safety Information System by Forrest M. Council and Jeffrey F. Paniati	234
Leaching Test Studies Using Extraction Procedure Toxicity Test and Toxicity Characteristic Leaching Procedure by Shuang-Ling Chong, John Peart, W. Clayton Ormsby, and Michael S. Griffith	241
Upgrade of the FOIL Pendulum Test Capability by Allen G. Hansen	249

No. 4 March 1991

Highway Safety in the Nineties by Samuel C. Tignor	265
The Highway Safety Information System: Applications and Future Directions by Jeffrey F. Paniati and Forrest M. Council	271
Full-Scale Side Impact Testing by Allen G. Hansen	279
Statistical Shortcomings in Traffic Studies by Harry S. Lum	283

List of Authors

(and volume page references)

Baxter, John	225
Chong, Shuang-Ling	241
Coleman, Janet A.	166
Cooper, James D.	206
Council, Forrest M.	234, 271
Graziano, Frank	193
Griffith, Michael S.	241
Hansen, Allen G.	249, 279
Hughes, Warren E.	153
Jones, J. Sterling	160, 193
Lane, Susan N.	200
Lum, Harry S.	153, 283
Mammano, Frank	225
McGogney, Charles	212
Ormsby, W. Clayton	241
Paniati, Jeffrey F.	234, 271
Parola, Arthur C.	193
Peart, John	241
Tignor, Samuel C.	265
Virmani, Yash P.	171

